

BRS	S1	413463 correlat\$4	US-PGPUB; USPAT; USOCR; EPC	3/18/2005 8:50
BRS	S4	57708 375/\$.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 13:55
BRS	S5	12146 S1 and S4	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:05
BRS	S7	15 5574748.pn. "6064695".pn. "5950131".pn. "4964138".pn. "6144649".pn	USPAT	3/4/2005 10:43
BRS	S8	12 S7 and (spread adj spectrum)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:17
BRS	S9	27287 spread-spectrum or (spread adj spectrum)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:06
BRS	S10	10912 S1 and S9	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:06
BRS	S11	5 S7 and (feature)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:17
BRS	S12	0 S7 and (feature adj recognition)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:19
BRS	S13	3 S7 and (pattern adj recognition)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:18
BRS	S14	336 S1 and (feature adj recognition)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:23
BRS	S15	6 (S1 and (feature adj recognition)).ab.	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:21
BRS	S17	18 S1 near5 (feature adj recognition)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 11:31
BRS	S20	3 (super adj chirp) or superchirp or super-chirp	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 14:47
BRS	S21	413463 correlat\$4	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 14:47
BRS	S22	50 S21 same (feature adj recognition)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 12:36
BRS	S23	413463 correlat\$4	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 14:47
BRS	S24	50 S23 same (feature adj recognition)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 14:47
BRS	S25	4 S24 and (zero adj cross\$4)	US-PGPUB; USPAT; USOCR; EPC	3/4/2005 14:48
BRS	S26	5358 S23 and (zero adj cross\$4)	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:35
BRS	S27	935 375/343.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 13:55
BRS	S28	408 375/142.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 13:56
BRS	S29	151 375/143.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 13:56
BRS	S30	979 375/150.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 13:56
BRS	S31	327 375/152.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:02
BRS	S32	214888 (sync adj sequence) or (training adj sequence) or (redundant adj bit ac	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 8:57
BRS	S33	213574 correlation	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:04
BRS	S34	11245 S32 and S33	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:04
BRS	S35	57748 375/\$.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:05
BRS	S36	2371 S34 and S35	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:05
BRS	S37	166 S36 and ((zero adj cross\$4) or zero-cross\$4)	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:29
BRS	S38	318 (sync adj sequence)	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:29
BRS	S39	54 S38 and S35 and S33	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:30
BRS	S40	35088 ((zero adj cross\$4) or zero-cross\$4)	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:29
BRS	S41	3 S38 and S35 and S33 and S40	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:37
BRS	S42	15 (redundant adj bit adj sequence)	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:35
BRS	S43	6 S42 and S35 and S33	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:35

BRS	S44	32140 preamble	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:37
BRS	S45	104 S44 and S35 and S33 and S40	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:39
BRS	S46	177149 header	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:39
BRS	S47	58 S46 and S35 and S33 and S40	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:42
BRS	S48	7526 (start adj bit\$2)	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:42
BRS	S49	23 S48 and S35 and S33 and S40	US-PGPUB; USPAT; USOCR; EPC	3/9/2005 14:42
BRS	S50	215179 (sync adj sequence) or (training adj sequence) or (redundant adj bit ac	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:05
BRS	S51	2 S50 and ((time-shift adj correlat\$4) or (time adj shift adj correlat\$4))	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:16
BRS	S52	30 ((time-shift adj correlat\$4) or (time adj shift adj correlat\$4))	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:15
BRS	S53	75 ((phase-shift adj correlat\$4) or (phase adj shift adj correlat\$4))	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:29
BRS	S54	9 S50 and S53	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:16
BRS	S55	17543 (phase-shift adj correlat\$4) or (phase adj shift adj correlat\$4) or (time-s	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:28
BRS	S56	599 S50 same S55	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:30
BRS	S57	3394 S50 and S55	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:31
BRS	S58	213885 correlation	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:07
BRS	S59	207 S56 and S58	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:36
BRS	S60	35108 (zero adj cross\$4) or zero-cross\$4	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:36
BRS	S61	10 S56 and S58 and S60	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 9:36
BRS	S62	115 S50 and S55 and S58 and S60	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:08
BRS	S63	91937 correlat\$4.ab	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:08
BRS	S64	28 S50 and S55 and S63 and S60	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:16
BRS	S65	28 S50 and S55 and S63 and S60 and correlat\$4	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:28
BRS	S66	3618 ((phase-shift adj correlat\$4) or (phase adj shift adj correlat\$4) or (time-	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:28
BRS	S67	6 S50 and S66 and S63 and S60 and correlat\$4	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 10:28
BRS	S68	935 375/343.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:35
BRS	S69	409 375/142.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:35
BRS	S70	151 375/143.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:35
BRS	S71	979 375/150.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:35
BRS	S72	327 375/152.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:35
BRS	S73	2179 S68 or S69 or S70 or S71 or S72	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:35
BRS	S74	1917 S73 and correlat\$4	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:36
BRS	S75	215179 (sync adj sequence) or (training adj sequence) or (redundant adj bit ac	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:36
BRS	S76	439 S74 and S75	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:44
BRS	S77	8 S76 and zero-cross\$4	US-PGPUB; USPAT; USOCR; EPC	3/10/2005 11:45
BRS	S78	90088 (recogniz\$4 or identify\$4) same(pattern or sequence)	USPAT	3/14/2005 11:40
BRS	S79	935 375/343.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/14/2005 11:40
BRS	S80	409 375/142.ccls.	US-PGPUB; USPAT; USOCR; EPC	3/14/2005 11:40

BRS S81 151 375/143.ccls.
 BRS S82 979 375/150.ccls.
 BRS S83 327 375/152.ccls.
 BRS S84 1600 S79 or S80 or S81 or S82 or S83
 BRS S85 277 S78 and S84
 BRS S86 199315 correlat\$4
 BRS S87 259 S85 and S86
 BRS S88 51 S85 and S86 and PSK
 BRS S89 22 S88 and (time adj interval)
 BRS S90 417855 correlat\$5
 BRS S91 4895 unique near2 word\$1
 BRS S92 424060 correlat\$5 or(matched near3 filter\$4)
 BRS S93 415 S91 same S92
 BRS S94 129316 start near3 time
 BRS S95 65 S93 and S94
 BRS S96 6 5761239.pn. "6064695".pn. "5610949".pn.
 BRS S97 263530 (transmit\$3 or frame\$1) near3 (interval\$1 or time or length\$1)
 BRS S98 5974 S97 same S92
 BRS S99 230 S98 same time near4 difference
 BRS S100 131 S99 and @ad<"20010112"
 BRS S101 103890 (transmit\$3 or frame\$1) near3 (interval\$1 or length\$1)
 BRS S102 1719 S101 same S92
 BRS S103 165 S102 same difference
 BRS S104 97 S103 and @ad<"20020112"
 BRS S105 69 S104 not S100
 BRS S106 905 compar\$6 near6 frame near3 (interval\$1 or length\$1)
 BRS S107 159 S106 and S92
 BRS S108 424539 correlat\$ or (matched near3 filter\$4)
 BRS S109 159 S106 and S108
 BRS S110 127 S109 and @ad<"20020212"
 BRS S111 42 S109 and @riad<"20020212"
 BRS S112 136 S110 or S111
 BRS S113 32 S106 same S92
 BRS S114 167 S91 same (bitstream\$1 or (bit adj stream\$1))
 BRS S115 48 S91 with detect\$5 same (bitstream\$1 or (bit adj stream\$1))
 BRS S116 30 time near3 between near4 S91
 S117 2 6760393.pn. and S92

US-PGPUB; USPAT; USOCR; EPC 3/14/2005-11:40
 US-PGPUB; USPAT; USOCR; EPC 3/14/2005 11:40
 US-PGPUB; USPAT; USOCR; EPC 3/14/2005 11:40
 USPAT 3/14/2005 11:40
 USPAT 3/14/2005 11:40
 USPAT 3/14/2005 11:41
 USPAT 3/14/2005 11:50
 USPAT 3/14/2005 12:56
 USPAT 3/14/2005 12:57
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:50
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:50
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:52
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:52
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:52
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:52
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:53
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:53
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:54
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:54
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:54
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:55
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 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:56
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:57
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:57
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:58
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 8:58
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 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 9:00
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 9:00
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 9:01
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 9:01
 US-PGPUB; USPAT; USOCR; EPC 3/18/2005 9:01

BRS	S119	4895 unique near2 word\$1	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:10
BRS	S120	30 time near3 between near4 S119	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:11
BRS	S121	1563 (interval adj values)	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:11
BRS	S122	167 S119 same (bitstream\$1 or (bit adj stream\$1))	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:13
BRS	S123	0 S122 and S121	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:13
BRS	S124	417855 correlat\$5	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:15
BRS	S125	1 S124 and S119 and S121	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:15
BRS	S126	214381 correlation	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:16
BRS	S127	57926 375/\$.ccls.	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:16
BRS	S128	320 (sync adj sequence)	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:16
BRS	S129	54 S128 and S127 and S126	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:16
BRS	S130	0 S129 and S121	US-PGPUB; USPAT; USOCR; EI	3/18/2005 11:16
BRS	S118	6 6836515.pn."6067704".pn."5555247".pn."6760393".pn."5991279".pn. USPAT		3/18/2005 9:11